

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Bruno Jahan et al.

Appln. No.: 10/529,570

Filed : March 29, 2005

For : RECEPTION OF A SIGNAL

MODULATED ACCORDING TO A MULTILEVEL CODING TECHNIQUE

Docket No.: T50.12-0003

Group Art Unit:

Examiner:

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 I HEREBY CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, THIS

26 DAY OF OCTUBER :

PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

## LIST REFERENCES NOT SUBMITTED

Submitted herewith is a copy (with English translation as appropriate) of an Official Search Report of the European Patent Office in counterpart foreign application No. PCT/FR 03/02878 filed October 1, 2003.

## TIME OF FILING

An information disclosure statement is being filed by the applicant within any one of the following time periods:

- 1. X 1. Within three month of the filing date of a national application other that a Continued Prosecution Application (CPA);
  - Within three months of the date of entry of the National Stage international application;
  - 3. Before the mailing date of a first Office Action on the merits, or

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

Rv.

David D. Brush, Reg. No. 34,557
Suite 1400 - International Centre
900 Second Avenue South

Minneapolis, Minnesota 55402-3319

Phone: (612) 334-3222 Fax: (612) 334-3312

DDB:tkj

FORM PTO-1449		Atty. Docket No.: T50.12-0003			Appl. No.: 10/529,570	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		First Named Inventor:				
		Bruno Jahan et al.				
		Filing Date			Group Art:	
			29, 20			
U.S. PATENT DOCUMENTS						
Examiner Document			•	Sub	Filing Date	
	Name		lass	Class	If Appropriate	
AA						
AB						
AC						
FOREIGN PATENT DOCUMENTS						
Document No. Date	Country		Class	Sub Class	Translation Yes No	
AD 0 540 232 A2 5/5/93 EPO					х	
AE WO 01/67617 A2 9/13/01 PCT	PCT				X	
AF						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
AG Cusak, "Error Control Codes for QAM Signalling," Electronics Letter, Jan. 1984, Vol. 20., No. 2, pp.62-63.						
AH Sayegh, "A Class of Optimum Block Codes in Signal Space," IEEE Transactions on Communications, Vol. Comm34, No. 10, Oct. 1986, pp. 1043-1045.						
AI Papke et al., "Different Iterative Decoding Algorithms for Combined Concatenated Coding and Multiresolution Modulation," IEEE International Conf., 1994, pp. 1249-1254.						
AJ Khairy et al., "Asymmetric Modulation and Multistage Coding for Multicasting with Multi-level Reception over Fading Channels," IEEE, XP-000921925, Nov. 1999, pp. 92-96.						
AK Kuhn, "Evaluating the Performance of Turbo-Coded Modulation in a DS-CDMA Environment," IEEE Journal on Selected Areas in Comm., Vol. 17, No. 12, Dec. 1999, pp. 2138-2146.						
AL Martin, "On Multilevel Codes and Iterative Multistage Decoding," IEEE Transactions on Comm., Vol. 49, No. 11, Nov. 2001, pp. 1916-1925.						
AM A.G. Burr, "Design of Optimum M-PSK Codes for Rayleigh Fading Channel," IEE ProcCommun., Vol. 147, No. 1, Feb. 2000, pp. 13-17.						
EXAMINER: DATE C			ONSIDERED:			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.